```cpp
#include<iostream>
#include<cmath>
using namespace std;
int main()
{
int n,m,a;
cin>> n>>m>>a;
cin.ignore();
if(n>=1 && n<=1000000000 &&
m>=1 && m<=1000000000 &&
a>=1 && a<=1000000000)
{
double e,f;
e=double(n)/a;
f=double(m)/a;
cout<< (long long int)ceil(e)*(long long int)ceil(f);
}
return 0;
}
```